

ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE
HEALTH AND SAFETY PLAN
ACCIDENT PREVENTION SAFETY
PROGRAM PLAN INT. OPER. UNITS

Manual No.:
Section No.
Page:
Effective Date:
Organization: Environmental Restoration Mgmt

RFP/ERM-94-00019
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	Detailed Table of Contents	0	11/04/94
95-DMR-ERM-0004	Personnel and Site Condition Changes to OU9 Affects sections 2,5,6,7,8,9,10,APPC	0	01/12/95
1 0	Introduction	0	11/04/94
2 0	Health and Safety Personnel	0	11/04/94
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10 0	Emergency Response Plan	0	11/04/94
11 0	Logs, Reports, and Record Keeping	0	11/04/94
12 0	References	0	11/04/94
APPA	Appendix A Personal Protective Equipment and Monitoring Requirements	0	11/04/94
•95-DMR-ERM-0013	New Contaminants	0	10/26/94
APPB	Appendix B Jacobs' Medical Surveillance Procedures	0	11/04/94

ADA

RD

DOCUMENT CLASSIFICATION REVIEW
R B HOFFMAN CLASSIFICATION OFF
JUL 11 1995

A-0009-000173

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Section No.	Title	Rev. No.	Effective Date
APPC	Appendix C Jacobs Engineering Group Standard Operating Procedures	0	11/04/94
•95-DMR-ERM-0007			
•APPD	Appendix D Addendum to the Health & Safety Plan Accident Prevention Safety Program Plan (RFP/ER-TM1-93-OU9 2) Stage One Activities for OU9 Investigation of Tanks Outside Large Buildings	0	01/18/95

DOCUMENT MODIFICATION REQUEST (DMR)

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Refer to 1-A01-PPG-001 for Processing Instructions.
Print or Type All Information (Except Signatures)

1. Date 10-26-94			23. DMR No. 94-DMR-ERM-0013		
2. Existing Document Number/Revision 8P84-00019			3. New Document Number or Document Number if it is to be changed with this Revision N/A		
4. Originator's Name/Phone/Page/Location Michael F. McHugh x8624/05958/080			5. Document Title Integrated Contable Unit HAS Plan		
6. Document Type <input type="checkbox"/> Procedure <input checked="" type="checkbox"/> Other HAS Plan			7. Document Modification Type (Check only one) <input type="checkbox"/> New <input type="checkbox"/> Revision <input type="checkbox"/> Intent Change <input checked="" type="checkbox"/> Noncontent Change <input type="checkbox"/> Editorial Correction <input type="checkbox"/> Cancellation		
8. Item APP.A	9. Page	10. Step	11. Proposed Modifications Update HAS document to approved field change		
12. Justification (Reason for Modification, EIO#, TPF, etc.) New contaminants found in HAS 131 during routine sampling operations					
If modification is for a new procedure or a revision, list concerning discipline in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concuror prints, and signs in Block 14, and dates in Block 15.					
13. Organization		14. Print and Sign (if applicable)		15. Date (if applicable)	
ERHSD		Kenny Anderson [S]		10/26/94	
Hd Shindon		Denny Schreckengast [S]		10/20/94	
Pia Man		Michael F. McHugh [S]		10/20/94	
QA		Steve Lucker [S]		2/1/95	
16. Originator's Supervisor (print/sign/date) [Signature] 1/31/95					
17. Assigned SME/Phone/Page/Location [Signature] x8624/05958/080		18. Cost Center		19. Charge Number	
22. Accelerated Review? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		23. ORC Review Not required		20. Requested Completion Date 10/26/94	
24. Responsible Manager (print, sign, date) B.D. [Signature] 10/27/94					

REVIEWED FOR CLASSIFICATION/UCN

BY NA
DATE NA

Received for distribution on 2/1/95 [Signature]

OU 14 HEALTH & SAFETY PLAN

EG&G HASP FIELD CHANGE FORM

Field Change Number: FCN-EDU-001-94

Effective Date: 10-20-94

Requested by: THOMAS C WADDLE
(Print Name)

[Signature] 10-20-94
Signature/Date

Pen and Ink changes to be made to the HASP to alert the reader of this change:

APPENDIX A: OU 14, IHSS 131; ADD THE FOLLOWING:
CONTAMINANT - DIESEL PRODUCTS, INSTRUMENT - PID, RANGE -
0-2000 PPM, ACTION LEVELS = 0 - BACKGROUND (MODIFIED LEVEL D), > BACKGROUND
SUSTAINED FOR > 15 MIN (LEVEL C).

Reason for the change to be incorporated into the HASP:

NEW CONTAMINANTS FOUND IN IHSS 131 DURING ROUTINE
SAMPLING OPERATIONS.

Text of change to be incorporated:

SUSPECT CONTAMINANTS: PLUTONIUM, DIESEL PRODUCTS

MONITORING REQUIREMENTS			ACTION LEVELS	
CONTAMINANTS	INSTRUMENT	RANGE	MODIFIED LEVEL D	LEVEL C
DIESEL PRODUCTS	PID	0-2000 PPM	0 - BACKGROUND	> BACKGROUND SUSTAINED > 15 min.

NOTES: IF ANY PID READINGS > BACKGROUND IN BREATHING ZONE, THEN
BACK-OFF FOR 15 MIN RE-SAMPLE BREATHING ZONE AFTER 15 MIN,
IF READINGS STILL > BACKGROUND, THEN LEVEL C RESPIRATORY
PROTECTION REQUIRED FOR WORK TO CONTINUE. MUST USE GMC-H
CARTRIDGES

APPROVALS:

[Signature] 10/26/94

H&S Area Administrator/Date (ERHSO)
MD Schuckengast 10-20-94

H&S Liaison Officer/Date
[Signature] 10-25-94

Unit Manager/Date

AS NEEDED CONCURRENCE:

N/A

Occupational Safety
N/A

Radiological Engineering
MD Schuckengast 10-20-94

Industrial Hygiene
N/A

Occupational Health
N/A

Fire Department
N/A

Radiological Operations

Site Location and Description

OU	IHSS	LOCATION	DESCRIPTION
14	131	Radioactive Site 700 Area Site No 1, Building 776 gas bottle dock	Explosion that released plutonium

Suspect Contaminants: Plutonium

MONITORING REQUIREMENTS				ACTION LEVELS			Notes
Contaminant	PEL	Instrument	Range	Level D Modified	Level C	Level B	
Plutonium		High-Vol		0 - < 0.1 DAC	0.1 - 10 DAC	> 10 DAC	

Personal Monitoring:

Contaminant	Analytical Method
Radionuclides	Jacobs ROPs, 10.01 & 10.02

Personal Protective Equipment:

Type of Work	Level D	Level D Modified	Tyvek Coveralls	Polycoated Tyvek Coveralls	Saranex Coveralls	Nitrile Gloves	Napier's Gloves	Latex Inner Gloves	Field Shield	Rubber Apron	Full-body Respirator
Surface Water Sediment Sampling											
Surface Radiation Survey	X										
Concrete Sampling											
Asphalt Sampling											
Soil Gas Sampling											
Tank/Pipeline Inspection											
Surface Soil Sampling		X	X								
Vertical Soil Profile											
Surface Geophysics											

Shading indicates upgrades in PPE if action levels are reached